



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of: Kalyan Muthukumar

Title: SYSTEM, METHOD, AND APPARATUS FOR SPILLING AND FILLING ROTATING REGISTERS IN SOFTWARE-PIPELINED LOOPS

Attorney Docket No.: 884.890US1

Customer No.: 21186

Confirmation No.:

**PATENT APPLICATION TRANSMITTAL**

**MAIL STOP PATENT APPLICATION**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

We are transmitting herewith the following attached items and information (as indicated with an "X"):


- ☒ Return postcard.
- ☒ Utility Patent Application under 37 CFR 1.53(b) comprising:
  - ☒ Specification (30 pgs, including claims numbered 1 through 32 and a 1 page Abstract).
  - ☒ Informal Drawing(s) (7 sheets).
  - ☒ Signed Combined Declaration and Power of Attorney (3 pgs).
  - ☒ Authorization to charge Deposit Account 19-0743 in the amount of \$1470.00 to pay the filing fee.
- ☒ Assignment of the invention to Intel Corporation (2 pgs) and Recordation Form Cover Sheet.
- ☒ Authorization to charge Deposit Account 19-0743 in the amount of \$40.00 to pay the Assignment recording fee.

The filing fee has been calculated below as follows:

	No. Filed	No. Extra	Rate	Fee
TOTAL CLAIMS	32-20	12	x 18.00 =	\$216.00
INDEPENDENT CLAIMS	9-3	6	x 84.00 =	\$504.00
[ ] MULTIPLE DEPENDENT CLAIMS PRESENTED				\$0.00
BASIC FEE				\$750.00
TOTAL				\$1470.00

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SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.  
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Date of Deposit: September 29, 2003

This paper or fee is being deposited on the date indicated above with the United States Postal Service pursuant to 37 CFR 1.10, and is addressed to The Commissioner for Patents, Mail Stop Patent Application, P.O. Box 1450, Alexandria, VA 22313-1450.